AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 21 with the following amended paragraph.

Polyvinylidene fluoride (0.2 gm) was dissolved in 30 ml dimethyl acetamide at 50°C to which were then added 0.02 gm of polyaniline powder having conductivity in the range of 1 S/cm and particle size in the rage of 2 to 3 micro meters. The whole mixture was stirred for 24 hrs at room temperature ~~R.T~~ to form a uniform conducting polymer blend. This was cast in clean glass petridish by complete solvent evaporation in the 50°C and then dried under vacuum to give polymer films (30 μm thick). This film was placed between two metal plates, the whole assembly was conditioned at 30°C and a voltage of 25 V was applied to same for 60 min. The films were cooled and removed from the electrodes and examined for beta crystalline content by x-ray diffraction analysis. The results are indicated in Table–1.